RETRACTABLE UP SIDE DOWN
FOWLER FLAP FOR TRIM AND ELEVATOR

11. FT DIA. HAM ST'D PROPS

DOORS OPEN UP
FOR REAR LOADING

SPLIT FLAP
FOR LANDING

ELEVATOR

SPLIT AILERON

REAR SPAR 70% C.

FRONT SPAR 32% C.

Proposed Fixed Slot to Correct
Instability @ $C_{L\,max.}$
(Used on ME-163 German Rocket
Interceptor. O.K. up to 30° Angle
of Attack with only 2% Loss in
Top Speed, M = 0.85)

FUEL
213.5
GAL'S

3
SUIT
CASES

3
SUIT
CASES

FUEL
213.5
GAL'S

16'

COATS
HATS

TOILET

SHELVES

COATS
HATS

RADIO

LOCKER

PLAN

Scale - 100" = 1"

TRAILING EDGE

LEADING EDGE

6'

FRONT

27.'

DC-3 REPLACEMENT
24 PASSENGER
FLYING WING

Designer Wm F. Schult 1-31-49

S-27

LENGTH
SPAN
CHORD
ASPECT
TAPER
HEIGHT
WING (
FINS (

EMPTY
STR
LAN
PRO
EQU
USE FU
FUE
OIL
CR
PAS
BAG
CAT

Military

ALTITUDE	M
S.L.	
5,000.	
10,000.	
15,000.	
20,000.	